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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/986,893	11/13/2001	Roy Kayser	7750-113	6255

7590 10/24/2002
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EXAMINER

LEE, WILSON

ART UNIT PAPER NUMBER

2821

DATE MAILED: 10/24/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicati n No.

09/986,893

Applicant(s)

ROY KAYSER

Examiner

Wilson Lee

Art Unit

2821

-- Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 and 16-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 6-10, 14, 16 and 17 is/are allowed.
- 6) ☒ Claim(s) 1, 2, 5 and 18-23 is/are rejected.
- 7) ☒ Claim(s) 3, 4 and 11-13 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

R marks

Applicant's arguments with respect to claims 1-14, 16-23 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

I. Claims 1, 2, 5, and 18-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Crawford et al. (5,994,844).

Regarding Claim 1, Crawford discloses a light head (2) as a light source comprising a light bulb (12) as a light generator, a photo-sensor (20) as a sensor for sensing operational parameters (e.g. reflected light) of the light generator, a micro-controller (19) as a light source data storage device permanently integrated with the light generator (12) and operatively coupled to the sensor (20), for storing operational parameters data correlated to the operational parameters of the light generator (See Figure 1), a light source connector (21) adapted to operatively couple the light source (2) to a light emitting device (e.g. video camera) (See Col. 1, lines 33-34).

Regarding Claim 2, Crawford discloses a light source housing (8) wherein the light generator (12), the sensor (20) and the light source data storage device (19) are all mounted to the light source housing (8). (See Figure 1.)

Regarding Claim 5, Crawford discloses that the light generator means (12) is an incandescent bulb (See Figure 4 and Col. 2, line 37).

Regarding Claim 18, Crawford discloses a light head (2) as a light source comprising a light bulb (12) as a light generator and a micro-controller (19) comprising RAM as a non-volatile light source data storage device integrated with the light generator (12) (See Figures 1 and 4), wherein the non-volatile data storage data device (e.g. RAM) is configured to store operational parameters data (e.g. preset data selected by user or first stored intensity value) correlated to the sensed operational parameters (e.g. reflected light or second reflected light intensity value) of the light generator (12) when power is not supplied to the storage device since the measured intensity can be stored in memory and used later on. (See Col. 2, lines 48-67, Claims 1 and 2 of Crawford.)

Regarding Claim 19, Crawford discloses in Figure 1 that the light source data storage device (19) stores operational parameters data (e.g. measured light intensity) associated only with the light generator (12) (See Col. 2, lines 48-67).

Regarding Claim 20, Crawford discloses a connector (21) adapted to releasably operatively coupled the light source (2) to a light emitting device (e.g video camera) (See Col. 1, lines 33-34 and Figure 1).

Regarding Claim 21, Crawford discloses in Figure 1 that the light source data storage device (19) is mounted to the light generator (12).

Regarding Claims 22 and 23, Crawford discloses that the light source data storage device (19) is inseparably integrated with and permanently affixed to the light generator (12). Figures 1 and 4 show that all these components are integrated together in a circuit.

Allowable Subject Matter

II. Claims 3, 4, 11-13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 6-10, 14, 16 and 17 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art neither discloses nor suggests that the light emitting device comprising a controller for generating operational parameters data correlated to operational parameters of the light source such as required by claim 6; and the operational parameters comprise at least one type of data selected from the group of data correlated to: run-time and light generator temperature such as required by claim 14;

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Corr spondence

III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Wilson Lee whose telephone number is (703) 306-3426.

IV. Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0956.

V. Papers related to Technology Center 2800 applications may be submitted to Technology Center 2800 by facsimile transmission. Any transmission not to be considered an official response must be clearly marked "DRAFT". The Technology Center Fax Center number is (703) 308-7722 or (703) 308-7724.

A handwritten signature in black ink, appearing to read "Wilson Lee", is centered on the page.

Patent Examiner

WL
10/22/2002